

Appl. No. 10/043,344
Reply to Office Action of June 24, 2005

Amendments to the Claims:

Without prejudice or disclaimer, please amend the claims as shown in the below Listing of Claims. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-24 (Canceled)

Claim 25 (Currently amended) An immunogenic composition comprising at least not more than one synthetic peptide having no less than six amino acids and no more than 150 amino acids, and a pharmaceutically acceptable carrier therefor thereof; wherein the synthetic peptide is comprised of the amino acid sequence, LEGGFYGP (SEQ ID NO: 74) or LEGGFYVG (SEQ ID NO: 85), and which produces an immune response when administered to a host.

Claim 26 (Previously presented) The immunogenic composition of claim 25, wherein the synthetic peptide is selected from the group consisting of:

LEGGFYGPKGEELGFRFLAGDKKVFGVFSAK (SEQ ID NO: 50),
FTSEGTLEGGFYGPEGQELGGKFLAHDKKVLGVFS (SEQ ID NO: 61) and
LEGGFYGP (SEQ ID NO: 74).

Claim 27 (Previously presented) The immunogenic composition of claim 26, wherein the synthetic peptide is LEGGFYGP (SEQ ID NO: 74).

Claim 28 (New) An immunogenic composition consisting essentially of:

- (a) a synthetic peptide having no less than six amino acids and no more than 150 amino acids and comprised of the amino acid sequence, LEGGFYGP (SEQ ID NO: 74) or LEGGFYVG (SEQ ID NO: 85),
- (b) an adjuvant, and
- (c) a pharmaceutically acceptable carrier thereof; and

which produces an immune response when administered to a host.

Claim 29 (New) An immunogenic composition consisting essentially of:

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(a) a synthetic peptide having an amino acid sequence selected from the group consisting of:
LEGGFYGPKGEELGFRFLAGDKVFGVFSAK (SEQ ID NO: 50),
FTSEGTLEGGFYGPEGQELGGKFLAHDKKVLGVFS (SEQ ID NO: 61) and
LEGGFYGP (SEQ ID NO: 74),
(b) an adjuvant, and
(c) a pharmaceutically acceptable carrier thereof; and

which produces an immune response when administered to a host.

Claim 30 (New) An immunogenic composition consisting essentially of:

(a) the synthetic peptide having the amino acid sequence LEGGFYGP (SEQ ID NO: 74),
(b) an adjuvant, and
(c) a pharmaceutically acceptable carrier thereof; and

which produces an immune response when administered to a host.